AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claims 1 to 7 (canceled).

1. (currently amended): A medical fluid therapy device for flowing fluids through a disposable dialysis unit, the device comprising:

an enclosure configured to removably accept the disposable unit; and

an infrared heater having an infrared emitter, the infrared heater including:

~~positioned in~~ a housing, the housing positioned within the enclosure and sized to support the infrared emitter; ~~and defining~~

an opening formed within the housing and configured to face ~~facing~~ the disposable unit when the disposable unit is installed in the enclosure;~~, the infrared heater having~~

an infrared transmissive material covering the opening;~~,~~ and ~~the infrared heater having~~

an infrared reflector positioned ~~relative~~ opposite to the infrared emitter such that the disposable cassette is removably carried between the infrared emitter and the infrared reflector, and wherein the infrared energy from the infrared emitter is substantially directed toward the infrared transmissive material.

2. (previously presented): The device for flowing fluids according to Claim 8, further comprising a plate heater adjacent the disposable unit.

3. (currently amended): The device for flowing fluids according to Claim 9, wherein the plate heater is positioned on an opposing side of the disposable unit from the infrared ~~heater~~emitter.

4. (previously presented): The device for flowing fluids according to Claim 8, further comprising an infrared absorption material positioned on an opposing side of the infrared transmissive material from the infrared heater, wherein the infrared absorption material increases in temperature from absorbing the infrared energy and heats the fluid in the disposable unit.

5. (previously presented): The device for flowing fluids according to Claim 8, further comprising an infrared reflective material positioned on an opposing side of the transmissive material from the infrared heater, wherein the infrared reflective material directs at least a portion of the infrared energy outside of the housing toward the fluid in the disposable unit.

Claims 13 to 55 (canceled).

56. (new): A medical fluid therapy device, the device comprising:

a disposable unit, the disposable unit having a first fluid volume fluidly connected to a second fluid volume via at least one fluid port;

an enclosure configured to removably accept the disposable unit; and

an infrared heater having an infrared emitter, the infrared heater including:

a housing, the housing positioned within the enclosure and sized to support the infrared emitter;

an opening formed within the housing and configured to face the disposable unit when the disposable unit is installed in the enclosure;

an infrared transmissive material covering the opening; and

an infrared reflector positioned opposite to the infrared emitter such that the disposable cassette is removably carried between the infrared emitter and the infrared reflector, and wherein the infrared energy from the infrared emitter is substantially directed toward the infrared transmissive material.

57. (new): A medical fluid therapy device for flowing fluids through a disposable dialysis unit, the device comprising:

an enclosure configured to removably accept the disposable unit; and

an infrared heater having an infrared emitter, the infrared heater including:

a housing, the housing positioned within the enclosure and sized to support the infrared emitter;

an opening formed within the housing and configured to face the disposable unit when the disposable unit is installed in the enclosure;

an infrared transmissive material covering the opening; and

an infrared reflector positioned opposite to the infrared emitter such that the disposable cassette is removably carried between the infrared emitter and the infrared reflector, and wherein the infrared energy from the infrared emitter is substantially directed toward the infrared transmissive material; and

a plate heater positioned opposing to the infrared emitter and adjacent to the disposable unit.